

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	(WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:51
L3	1	(WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:52
L4	1	(WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:52

L5	1	(WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented")	US-PGPUB; OR USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2006/02/13 16:52
L6	1	(WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; OR USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2006/02/13 16:53

L7	24031	((370/337) or (370/321) or (370/347) or (370/442) or (370/465) or (370/464) or (370/29) or (370/95.1) or (370/95.3) or (370/100.1) or (370/441) or (370/277) or (370/280) or (370/310) or (370/310.2) or (370/314) or (370/326) or (370/328) or (370/332) or (370/333) or (370/376) or (370/395.6) or (370/437) or (370/443) or (370/458) or (370/335) or (370/503) or (370/350) or (370/1) or (455/34.1) or (455/56.1) or (455/75-76) or (455/88) or (455/361) or (455/76) or (379/61) or (379/58) or (379/62) or (340/825.2) or (340/825.14) or (375/133) or (375/130) or (375/132) or (375/138) or (375/272) or (375/303) or (375/334) or (375/202) or (375/203) or (375/205) or (375/1) or (375/354) or (375/362) or (375/364) or (375/132-137)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:50
L8	1	L7 and (WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:50

L9	1	L7 and (WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:50
L10	1	L7 and (WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:50
L11	1	L7 and (WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/13 16:51

L12	1	L7 and (WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")	US-PGPUB; OR USPAT; EPO; JPO; DERWENT; IBM_TDB	OFF	2006/02/13 16:51
L13	1	((WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")).CLM.	US-PGPUB OR	OFF	2006/02/13 16:52
L14	1	((WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3")).CLM.	US-PGPUB OR	OFF	2006/02/13 16:52

L15	1	((WPAN or "wireless personal area network") and "frequency hopping" and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented"))).CLM.	US-PGPUB	OR	OFF	2006/02/13 16:52
L16	1	((WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and "link controller" and "packet handler" and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented"))).CLM.	US-PGPUB	OR	OFF	2006/02/13 16:52
L17	1	((WPAN or "wireless personal area network") and ("frequency hopping" NEAR adaptive) and (table or "frequency table") and (transceiver or "frequency hopping transceiver") and (ACL or "asynchronous connectionless") and (SCO or "synchronous connection oriented") and (GFSK or "gaussian frequency shift keying modulat\$3") and "mode selector" and (synthesizer or "frequency synthesizer") and "multiplier" and (RSSI or "RSSI detector") and (GFSK or "gaussian frequency shift keying demodulat\$3"))).CLM.	US-PGPUB	OR	OFF	2006/02/13 16:53



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You; Signal Processing and Its Applications, 2003. Proceedings, Seventh International Conference on, 1-4 July 2003 Page(s):269 - 272 vol.1
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- ☐ 2. **A novel architecture and coexistence method to provide global access to WPANs by IEEE 802.11 WLANs**
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- ☐ 3. **Performance studies of an over-sampling multi-channel equalizer for a multi-carrier system**
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- ☐ 4. **Adaptive timing synchronization schemes for a short-ranged Bluetooth system**
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- ☐ Takizawa, M.; Aida, H.; Saito, M.; Tobe, Y.; Tokuda, H.;
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- ☐ 6. **Equivalent system model and equalization of differential impulse radio U**
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- ☐ 7. **Bluetooth and WLAN coexistence: challenges and solutions**
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- ☐ 8. **Coexistence mechanisms for interference mitigation in the 2.4-GHz ISM b**
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- ☐ 9. **Bluetooth and IEEE 802.11b coexistence: analytical performance evaluati**
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- ☐ 11. **Maximum throughput of FHSS multiple-access networks using MFSK mo**
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- ☐ 12. **Partial Delaunay triangulation and degree limited localized Bluetooth sca**
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- ☐ **13. Performance analysis of relative location estimation for multihop wireless networks**
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- ☐ **14. Distributed topology construction of Bluetooth wireless personal area networks**
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- ☐ **15. An Adaptive Rake Receiver For Time Hopping Impulse Radio Ultra-Wideband Communications**
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- ☐ **16. Power Efficient Error Control for Bluetooth-based Sensor Networks**
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- ☐ **17. Self-organizing, self-healing wireless networks**
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- ☐ **18. Image transmission over IEEE 802.15.4 and ZigBee networks**
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- ☐ **19. Multiuser zero forcing relaying with noisy channel state information [wireless network applications]**
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- ☐ **20. Energy and latency control in low duty cycle MAC protocols**
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- ☐ **21. On the route discovery latency of wireless mesh networks**
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- ☐ **22. On adaptive frequency hopping to combat coexistence interference between IEEE 802.11b with practical resource constraints**
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- ☐ **23. Performance of coherent UWB Rake receivers with channel estimators**
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- ☐ **24. A locally coordinated scatternet scheduling algorithm**
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- ☐ **25. Rejection of Bluetooth interference in 802.11 WLANs**
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Application#	Patent#	Status	Date Filed	Title	Inventor Name
09728141	6862261	150	12/01/2000	ZIPPER TYPE VDSL SYSTEM	YOU, YOUNG-HWAN
10083119	Not Issued	30	02/27/2002	Adaptive frequency hopping apparatus in wireless personal area network system	YOU, YOUNG-HWAN

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